WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS

ANNUAL GROWING AREA REVIEW

PREPARED BY: Donald J. Melvin Environmental Specialist

AREA: Hammersley Inlet

YEAR ENDING: December 31, 2005

CLASSIFICATION: Approved, Restricted, Prohibited

ACTIVITIES IN THE GROWING AREA IN 2005:

Hammersley Inlet was sampled 6 times during 2005 in accordance with the NSSP systematic random sampling criteria. Shellfish were harvested from the Restricted area and relayed to Eld Inlet. An STP closure zone evaluation was completed. A shoreline survey of approximately 0.6 mile of the south shoreline next to the western sanitary line was completed. Fourteen drainages or discharge points were evaluated. No direct or indirect impacts from on-site systems were identified. A fifty acre portion of the west end of the growing area was upgraded from "prohibited" to "approved". A shellfish relay was done from the Mill Creek restricted area into the Eld Inlet shellfish area

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of the most recent 30 water samples collected from the area. This summary shows that all "approved" stations pass the NSSP approved water quality standard.

CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We currently have no information indicating that the area has new sources of pollution.

CLASSIFICATION STATUS:

- ☒ Well within the classification standards
- ☐ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

The area is correctly classified as "approved. The marine waters of Hammersley Inlet in the vicinity of Mill Creek are on the 303d list for fecal coliform.

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **HAMMERSLEY INLET**

Classification: **Approved,Unclassified**

From **05/10/2001** To **12/13/2005**

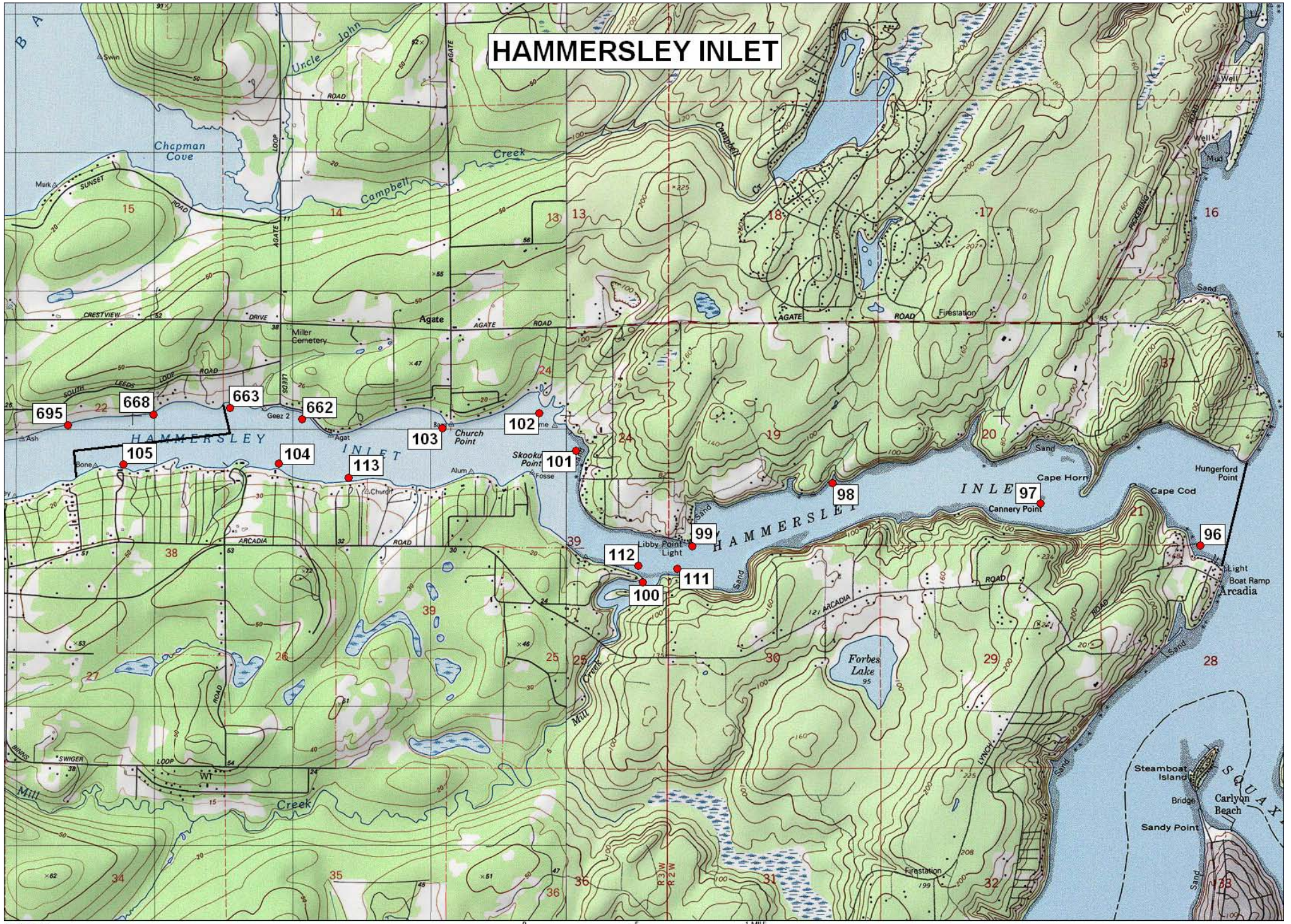
FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
96	Approved	30	1.7 - 17.0	2.0	3.0	Yes
97	Approved	30	1.7 - 11.0	2.2	4.0	Yes
98	Approved	30	1.7 - 23.0	2.6	6.0	Yes
99	Approved	30	1.7 - 49.0	2.4	6.0	Yes
101	Approved	30	1.7 - 11.0	2.4	5.0	Yes
102	Approved	30	1.7 - 7.8	2.4	4.0	Yes
103	Approved	30	1.7 - 17.0	2.7	6.0	Yes
104	Approved	30	1.7 - 17.0	2.5	5.0	Yes
105	Approved	30	1.7 - 23.0	3.5	10.0	Yes
111	Approved	31	1.7 - 33.0	2.6	6.0	Yes
112	Approved	30	1.7 - 17.0	2.6	5.0	Yes
113	Approved	30	1.7 - 13.0	2.7	6.0	Yes
100	Restricted	34	1.7 - 350.0	13.4	80.0	Yes
662	Unclassified	14	1.7 - 240.0	5.1	27.0	*N/A
663	Unclassified	15	1.7 - 13.0	2.7	6.0	*N/A
668	Unclassified	14	1.7 - 12.0	2.7	6.0	*N/A

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

* N/A - SRS criteria require a minimum of 30 samples from each station. *



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